

20000911.qrp v01_n941.qrl.20000911

Date: Mon, 11 Sep 2000 19:03:08 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1941

QRP-L Digest 1941

Topics covered in this issue include:

- 1) [79210] FUN with PSK-31 Sprint
by "Karl F. Larsen" <k5di@zianet.com>
- 2) [79211] Improvement - Ugly HB indoor Vertical
by WB9MII@aol.com
- 3) [79212] Contest: ARCI PSK-31 Sprint
by Brian Kassel <bkassel@dancris.com>
- 4) [79213] Re: HB - regens
by "Brad Hernlem" <alihernlem@hotmail.com>
- 5) [79214] psk-31 test K0FRP
by "al dawkins" <alk0frp@home.com>
- 6) [79215] FS:OHR WM-1 QRP watt meter
by "Kelly Ellison" <kelman@dialnet.net>
- 7) [79216] contest info
by Michael Bower <bowerm@ix.netcom.com>
- 8) [79217] First DX!
by Michael Bower <bowerm@ix.netcom.com>
- 9) [79218] wtb: Norcal paddle kit - unbuilt
by Michael Bower <bowerm@ix.netcom.com>
- 10) [79219] Emily Oaks Operation
by SKIPNC90@aol.com
- 11) [79220] Re: Improvement - Ugly HB indoor Vertical
by Bill Walker <windal@azstarnet.com>
- 12) [79221] QRPedition: Oregon High Country
by "K7FD-N7SG" <cqdx@teleport.com>
- 13) [79222] FS Sierra w/DL-PA
by Dan Presley <talljazz@teleport.com>
- 14) [79223] RE: PSK-31 Discussion reflector
by "Tom Bowman" <tbowman@nbn.net>
- 15) [79224] FS: Items For Sale
by "Steve Hudson" <steve.hudson@cmdg.com>
- 16) [79225] Re: PSK-31 Discussion reflector
by "Dan W. Dooley" <dandooley@pipeline.com>
- 17) [79226] RE: Charging Gell Cells
by "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>
- 18) [79227] QRP ARCI PSK-31 Sprint a Hoot!
by "Rich Clemens" <clemens@wvwc.edu>
- 19) [79228] N10DL/m

- by N10DL@aol.com
- 20) [79229] Contest: End of Summer PSK-31 Sprint Soap-box
by "Rod, N0RC" <n0rc@qsl.net>
 - 21) [79230] Baluns
by "Mike Yetsko" <myetsko@insydesw.com>
 - 22) [79231] SLV Antenna
by "Bruce Kizerian" <kizerian@ced.utah.edu>
 - 23) [79232] QRP ARCI's 1st psk31 Contest
by Jim Hale <kj5tf@yahoo.com>
 - 24) [79233] PSK-31 Contesting
by Bill Jones <kd7s@psnw.com>
 - 25) [79234] Re: Baluns
by n2cx@voicenet.com
 - 26) [79235] CONTEST: Salmon Run 2000: Win a QRP-Fish!
by Charlie Panek <charlie_paneke@agilent.com>
 - 27) [79236] Re: Thoughts on Working DX
by Allan G Taylor <k7gt@qsl.net>
 - 28) [79237] Re: First DX!
by Allan G Taylor <k7gt@qsl.net>
 - 29) [79238] RE: Contest: End of Summer PSK-31 Sprint Soap-box
by "John L. Sielke" <w2agn@pobox.com>
 - 30) [79239] RE: QRP ARCI's 1st psk31 Contest
by "John L. Sielke" <w2agn@pobox.com>
 - 31) [79240] RE: Consumption Figures
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
 - 32) [79241] RE: Consumption Figures
by "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>
 - 33) [79242] Fwd: Re: PSK-31 Contesting
by "Ed Manuel (N5EM)" <n5em@flash.net>
 - 34) [79243] Re: PSK-31 Contesting
by "Ed Nelson" <edxnelson@home.com>
 - 35) [79244] RE: Consumption Figures
by caitlyn@netferrets.net
 - 36) [79245] QSK Differences Help!?
by "Mark Adams" <k2qo@hotmail.com>
 - 37) [79246] [OT] email service provider info needed
by Monte Stark <ku7y@dri.edu>
 - 38) [79247] Re: Thoughts on Working DX
by DYARNES@aol.com
 - 39) [79248] Re: Thoughts on Working DX
by Monte Stark <ku7y@dri.edu>
 - 40) [79249] Re: Baluns
by "George, W5YR" <w5yr@att.net>
 - 41) [79250] Re: Baluns
by "Steven Weber" <kd1jv@moose.ncia.net>
 - 42) [79251] A good QRP week...
by John AE5X <ae5x@juno.com>
 - 43) [79252] QRP Afield Rules?

- by ARDUJENSKI@aol.com
- 44) [79253] Re: Charging Gell Cells
by "George, W5YR" <w5yr@att.net>
 - 45) [79254] Re: PSK-31 Contesting
by "Karl F. Larsen" <k5di@zianet.com>
 - 46) [79255] PSK-31 Controls
by "Karl F. Larsen" <k5di@zianet.com>
 - 47) [79256] Re: Consumption Figures
by "George, W5YR" <w5yr@att.net>
 - 48) [79257] WTB drake Cline spinner knob
by n2go@arrl.net
 - 49) [79258] RE: A good QRP week...
by Mike Gipe <mgipe@reliablemeters.com>
 - 50) [79259] LCD display ?
by n2go@arrl.net
 - 51) [79260] Re: Consumption Figures
by n2go@arrl.net
 - 52) [79261] Re: Consumption Figures
by "George, W5YR" <w5yr@att.net>
 - 53) [79262] RE: Charging Gell Cells
by "Ed Tanton" <n4xy@att.net>
 - 54) [79263] Re: PSK-31 Contesting
by "Rod, N0RC" <n0rc@qsl.net>
 - 55) [79264] Re: QSK Differences Help!?
by Bruce Muscolino <w6toy@erols.com>
 - 56) [79265] Re: PSK-31 Contesting
by Bill Jones <kd7s@psnw.com>
 - 57) [79266] Any experience with the isotron antennas
by Levent Sasmazel <levent@netlabs.net>

Date: Sun, 10 Sep 2000 18:01:48 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [79210] FUN with PSK-31 Sprint
Message-ID: <Pine.LNX.4.10.10009101754160.1518-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm the only one in the family without a broken arm so duty takes me from pleasure but WOW! That PSK-31 contest has been a blast and fun and a great learning experiance. I have learned:

1. How to set up mackrals on all F keys and this evening I will make them usefull.

2. I must get the automatic xmit/rcv circuit to work. I will spend time with it tomorrow. I have already set the simple call to turn on the transmitter and call and then turn it off. With a well set up Digipan version 2, not 3, I will be set far better for the next contest.

I worked a bunch of very weak stations and PSK sure works well that way. So it should take off as a wanted ham technique and many more stations getting on.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 10 Sep 2000 20:13:54 EDT
From: WB9MII@aol.com
To: qrp-l@lehigh.edu
Subject: [79211] Improvement - Ugly HB indoor Vertical
Message-ID: <48.ab73490.26ed7dc2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Howdy friends,

I just hadda pass this on. First off..thanks for the comments and suggestions and shared experience. The wire wound PVC pipe was working well on 20 and 40, I'm having a blast. One gentleman on QRP-L suggested adding a capacity hat to the top. This hadn't occurred to me (many things dont). Cut a circle out of a paper plate and put a hole in the center. wrapped this in tinfoil and put it about 1 inch below the top of the PVC pipe. Bared a 1/2 inch of the top of the wire and taped it to the underside of the disk. Ugly but effective I guess as loading it up is eased, a tad more power out, and I just got the first 599 plus I can ever recall receiving from WZ4L in TN on 20M. More will be revealed, but seems like the hat did indeed improve things. Once again QRP-L comes through...many thanks

72

Greg WB9MII
QRP ARCI 9719
Amateur Radio Post 380 - American Legion

Date: Sun, 10 Sep 2000 17:47:20 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [79212] Contest: ARCI PSK-31 Sprint

Message-ID: <39BC2B98.753552C6@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Contest: ARCI Fall/Spring QSO Party

Category:_____1-5W_____ Mode:__PSK-31 Power: 2 W

Callsign of Operator: K7RE

Exchanged Information: K7RE RST AZ 3623

Hours of Operation:____4_____ Hours.

Band	QSOs	Points	Mult's
160	0	0	0
80	0	0	0
40	0	0	0
20	23	74	11
15	0	0	0
10	0	0	0
Totals	23	74	11

TX Power Code = 7; My member number = 3623;
Total Score: 5698 Points

Club or Team Name: Aluminum Kings

Comments: ____This was quite a different contest!
Lot's of QRO types showed up too. I used my PSK-20 and
triband beam at 35 feet. Had several QRO stations
overdriving their rigs, which really took out lot's
of weak signals with their broadband noise. Still, lot's
of stations to work, and no ringing in my ears after the
event!

Date: Mon, 11 Sep 2000 01:16:20 GMT
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [79213] Re: HB - regens
Message-ID: <F2688YkdavN3qljWwY000004ce0@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>Now folks, don't jump on me for this. I believe that ham radio is what
each
>of us want it to be, but my idea of a regen still has a large form wound
>coil with the obligatory three sets of turns. And, preferably the active
>device(s) are made of glass and get hot and will burn your fingers when
>touched.

You got something against battery tubes? I'm all for the use of tubes but
heat isn't such a "hot" idea in a regen - where you want stability.

BTW, the haven for all things regen and tubular is over in the "Glow-Bugs"
list.

They have held many fine and informative discussions on the subject over the
years.

Brad

[To subscribe to the Glowbugs email list, send an email to:

majordomo@piobaire.mines.uidaho.edu

No subject. In the body, write:

subscribe glowbugs youremail@youraddress]

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Share information about yourself, create your own public profile at
<http://profiles.msn.com>.

Date: Sun, 10 Sep 2000 18:53:08 -0600
From: "al dawkins" <alk0frp@home.com>
To: <qrp-1@lehigh.edu>
Subject: [79214] psk-31 test K0FRP
Message-ID: <005901c01b8e\$8e859900\$0300a8c0@j5m9s4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This was not as hot and wild as a good cw sprint.
worked most stn's in the first hour.
Only 20 Q's, only 7 arci # the 50 - 100 watter who decided to join, took
over the 4 hHz spectrum. I had many calling stn's buried. If you heard me

and I could not copy sorry, we can try again next time.
But I did work 14 spc's. Short skip only as the Sun Gods did not allow less than 1000 miles on average.
This was my first attempt at a PSK31 contest. I have a lot to learn.

Great Fun
Thanks ARCI
Al K0FRP

Date: Sun, 10 Sep 2000 20:52:59 -0500
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-l@lehigh.edu>
Subject: [79215] FS:OHR WM-1 QRP watt meter
Message-ID: <005301c01b94\$33150820\$a4c9e0d8@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys and Gals.....

I have a WM-1 Meter in great condition that I would mail out for \$60.00.
Also have a Yaesu SP-5 speaker with filters for \$80.00.

Please contact me direct at kelman@dialnet.net
Thank You,

Kelly Ellison - WB0WQS

Date: Sun, 10 Sep 2000 20:19:40 -0400
From: Michael Bower <bowerm@ix.netcom.com>
To: qrp-l <qrp-l@lehigh.edu>, "NoVaQRP@topica.com" <NoVaQRP@topica.com>
Subject: [79216] contest info
Message-ID: <39BC251C.75B4C8DE@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I got "involved" in a contest this morning on 10 meters. (Approximately

9:30 am EDT). I thought I had the exchange correct (RS + number) but when I sent mine to one person, he said it was the wrong "format".

Where do I find info on contests, in particular the one this morning? I'm not a tester (but could get hooked easily).

TIA

Michael N4NMR

--

73 de N4NMR

Michael Bower

Ashburn, VA (near Washington, D.C.)

Date: Sun, 10 Sep 2000 20:20:51 -0400
From: Michael Bower <bowerm@ix.netcom.com>
To: qrp-l <qrp-l@lehigh.edu>, "NoVaQRP@topica.com" <NoVaQRP@topica.com>
Subject: [79217] First DX!
Message-ID: <39BC2563.9258427C@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What a thrill. I had to drive to a distant location this morning and decided that 10 meters was a lot more fun than the staticy FM broadcast station.

Found myself involved in a contest (see my other message). But I got my first two DX stations. One was LY5A in Lithuania and the other was UA2FB in the Ukraine.

What a rush!!!

I know this was a contest, but am I likely to get QSLs from them if I ask them? (I know I won't if I don't ask since it was a contest.) For these important ones, is it best to go direct and include some money so they will QSL back? Any advice is appreciated.

--

73 de N4NMR

Michael Bower

Ashburn, VA (near Washington, D.C.)

Date: Sun, 10 Sep 2000 22:29:17 -0400
From: Michael Bower <bowerm@ix.netcom.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [79218] wtb: Norcal paddle kit - unbuilt
Message-ID: <39BC437C.DCCA6CE1@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The title says it all. If you have a Norcal Paddle Kit unbuilt that you'd

like to sell, please contact me off-list.

TIA

Michael N4NMR

--
73 de N4NMR
Michael Bower
Ashburn, VA (near Washington, D.C.)

Date: Sun, 10 Sep 2000 22:33:26 EDT
From: SKIPNC90@aol.com
To: qrp-l@lehigh.edu, elecrafft@qth.net
Subject: [79219] Emily Oaks Operation
Message-ID: <a7.739073a.26ed9e76@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi all,

On Tuesday night 12 September from 1930 to 2100 local

(Wed 0030 to 0200) our local club will be operating QRP under the stars. This is our annual outdoor meeting and we bring out the QRP rigs and try to make a few contacts. Look for some weak signals out of the Midwest on 20, 30, and 40 meters. Operation will be on or near the QRP frequencies CW, SSB and PSK31.

Call signs used will be our own so look for NC90, KG9ML, AA9QD, N9ZLJ, AA9RH, KB9UUY, KF9ZZ AND N9JKK.

There may be others so look for 9 calls.

I hope to work a few of you Tuesday night.

73, Skip Davis NC90
FT K2 #0065

Date: Sun, 10 Sep 2000 22:10:04 -0700
From: Bill Walker <windal@azstarnet.com>
To: qrp-l@Lehigh.EDU
Subject: [79220] Re: Improvement - Ugly HB indoor Vertical
Message-ID: <00091022114600.02704@deneb>
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

This sound interesting! What diameter is the PVC?

On Sun, 10 Sep 2000, you wrote:

> Howdy friends,
> I just had to pass this on. First off..thanks for the comments and
> suggestions and shared experience. The wire wound PVC pipe was working well
> on 20 and 40, I'm having a blast. One gentleman on QRP-L suggested adding a
> capacity hat to the top. This hadn't occurred to me (many things don't).
> Cut a circle out of a paper plate and put a hole in the center. wrapped this
> in tinfoil and put it about 1 inch below the top of the PVC pipe. Bared a
> 1/2 inch of the top of the wire and taped it to the underside of the disk.
> Ugly but effective I guess as loading it up is eased, a tad more power out,
> and I just got the first 599 plus I can ever recall receiving from WZ4L in TN
> on 20M. More will be revealed, but seems like the hat did indeed improve
> things. Once again QRP-L comes through...many thanks
> 72
> Greg WB9MII
> QRP ARCI 9719
> Amateur Radio Post 380 - American Legion
--

Bill Walker - KD7JZB
kd7jzb@qsl.net
<http://www.qsl.net/kd7jzb>

Date: Sun, 10 Sep 2000 22:14:06 -0700
From: "K7FD-N7SG" <cqdx@teleport.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "Elecraft Reflector" <elecraft@qth.net>
Subject: [79221] QRPedition: Oregon High Country
Message-ID: <000701c01baf\$1cd016c0\$68231ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just got back from four days in the wild...pix of K2/PW-1 at:

<http://www.teleport.com/~cqdx/warm.htm>

Hey, life's rough. But someone's gotta do it!

Enjoy! 73, John K7FD

Date: Sun, 10 Sep 2000 22:58:59 -0700
From: Dan Presley <talljazz@teleport.com>
To: qrp-1@LeHigh.edu
Subject: [79222] FS Sierra w/DL-PA
Message-ID: <v03007824b5e21fb00f64@[216.26.9.84]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well-time to let this special baby go! Too many rigs, not enough cash for new toys. I built this back in '97 and have been adding on ever since. Wilderness Sierra w/KC-2 digital readout/keyer,ABX, and the 'DL-PA' mod which gives about 7 W out on all bands except 15M (4W).This mod allows variable power out on all bands. Band modules for 80, 40,30, 20, 17 & 15 M. Also includes the front 'foot' from Wilderness which tilts up the radio and an '80 meter range extender', which is just a disc cap and alligator clips to increase the tuning range on 80 M up to 3750 Khz. I have full documentation including instructions for the DL-PA. A proven fox getter and bumblebee 'stinger' needs a good home. \$400-email me at above address or N7CQR@arrl.net

Dan Presley-N7CQR-Portland, Or QRP-L #502

Date: Mon, 11 Sep 2000 06:58:16 -0400
From: "Tom Bowman" <tbowman@nbn.net>
To: <BOBOBOB1@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [79223] RE: PSK-31 Discussion reflector
Message-ID: <LPBBKNNCCFBPAKMPADLJMEJAECAA.tbowman@nbn.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

PSK-31's popularity has produced several groups.

Go to eGroups at
<http://www.egroups.com/>

and check out

<http://www.egroups.com/group/psk31>

and

<http://www.egroups.com/group/digitalradio>

There are also groups that specialize in PSK-31 programs
like Zakanaka and MixW.

73 and see you on 14.070 MHz,

Tom, WA3REY

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> BOBOBOB1@aol.com
> Sent: Sunday, September 10, 2000 3:13 PM
> To: Low Power Amateur Radio Discussion
> Subject: PSK-31 Discussion reflector
>
>

> Is there such a thing as a PSK-31 reflector???

> If so what is the web site address??

>

> Thanks Bob Gorman

> WA1SCH

>

Date: Mon, 11 Sep 2000 08:02:21 -0400
From: "Steve Hudson" <steve.hudson@cmdg.com>
To: <qrp-1@lehigh.edu>
Subject: [79224] FS: Items For Sale
Message-ID: <000001c01be8\$23e5cfc0\$57aab23f@acpdceditor>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello .-

Some unexpected expenses prompt some further shack cleaning. Here's the list so far. Prices do not include shipping from 30004.

Thanks,

Steve Hudson AA4BW
678-297-7999
steve.hudson@cmdg.com

1. Ten-Tec Delta 580 160-10 SSB/CW transceiver, with matching Ten-Tec 280 current-metered power supply. Also includes Ten-Tec CW filter (installed) and matching Ten-Tec desk mike. Power is front-panel adjustable from zero watts out to about 90-95 watts out. Includes original manuals. Rig is absolutely immaculate and works perfectly. Note that the 17 meter and 12 meter crystals have not been installed. \$400.
2. Yaesu FT-840 SSB/CW transceiver, 160-10, all WARC bands, with International Radio (INRAD) narrow CW filter. Receiver is general coverage. Includes original box, original manual, original Yaesu microphone. Power is front panel adjustable from about 100 watts out down to about 5 watts out. Absolutely immaculate and works perfectly. \$525.
3. Yaesu FRG-7700 CW/SSB/AM general coverage receiver to 30 mhz. Works perfectly. Excellent condition except for some wear on top (not front face) of front panel. Includes manual. \$150.
4. Realistic DX-200 0.15-30 SW receiver. Has BFO. Very good condition. Works

fine. \$60

5. Heath HW-16. Good condition. Works but could probably use alignment. \$60.

6. Heath HD-10 keyer (the old one with the built in paddle). Works fine, good cosmetic condition. Original paddle components. One mod: headphone jack converted to a jack for an external paddle. \$45.

7. Heath HM-2102 VHF SWR/wattmeter. Excellent condition. Works fine. \$35.

8. Ramsey 7 mHz QRP xmtr. Works fine. \$10.

9. Ten-Tec 20-6 meter transverter. Excellent condition. Works fine. Manual. \$70.

10. Ten-Tec 247 antenna tuner. Balanced line, wire, or coax. This is the one with the 47-position rotary switch tapping a large torroidal inductor. Good condition. \$40.

11. Hamtronics VHF preamp kit, unbuilt. \$5.

12. Ramsey FR-146 2-meter FM receiver kit. Unbuilt. \$30.

13. Collins mechanical filter F250A67. 6.7 kHz 6-db bandwidth, max 14.0 kHz 60 db bandwidth. \$8.

14. "VX0-Controlled CW Transmitter for 3.5 to 21 mHz" from ARRL 1987 Handbook p. 30-27 and other publications. Partially built board for 30 meter version. Torroid coils and RF transformers already mounted on the board. Most board-mounted parts already mounted. Output transistors not installed and not included. \$18.

15. Argonaut 509 VFO assembly. Acquired years ago with a 509 and forgotten about till now. Includes PTO unit, bandswitch section, PCB and so on, all mounted on the U-shaped VFO subchassis. \$40.

16. Heathkit audio generator, the old one in the gray "Lunch Box" style case. Large "RMS VOLTS" meter on the front. \$20.

17. Autek CMOS Memory Keyer MK-1. Built-in AC supply. Works when it works but is sometimes temperamental when you turn it on. Don't buy it if you are looking for a main keyer, but if you want one to fix up (or want to salvage cabinet and knobs etc.) it's okay. \$15.

18. Large number of Commodore replacement chips. Many, many chips. Condition unknown (I acquired 'em years ago with a computer for the kids). \$15 for the lot.

19. A pair of original Ten-Tec boards. These are two boards from the earliest days of Ten-Tec, when boards were sold individually and you could build up a PM-style rig of your own. These were purchased new by me as part of the set of four (the other two were the VFO and transmitter boards...wish I could find them!) and have never been used. The two I have are the AA1 audio amp board and the mixer board with the MFE3008 dual-gate FET, with the original Ten-Tec alligator clip still shorting out the leads. They're probably collector's items now. Also: what appears to be a Ten-Tec QRP SWR meter board. Number on the back appears to be "90193." I don't remember buying this one, but it too appears brand new. \$30 for the three.

20. Heathkit B-1 Balun Coil Set. The old one in the big gray box. SO-239 in, two ceramic binding posts out. Some paint spots on the box. \$30.

Date: Mon, 11 Sep 2000 07:24:38 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <tbowman@nbn.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [79225] Re: PSK-31 Discussion reflector
Message-ID: <008901c01beeb\$447d49e0\$0100a8c0@dandooley>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You've forgotten the MAIN PSK31 list. That's at:

psk31@bipt106.bi.ehu.es

or for more instructions:

<http://aintel.bi.ehu.es/psk31.html>

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
SOC #198, FPQRP # -104
May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----

From: "Tom Bowman" <tbowman@nbn.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, September 11, 2000 5:58 AM

Subject: RE: PSK-31 Discussion reflector

> PSK-31's popularity has produced several groups.

>

> Go to eGroups at

> <http://www.egroups.com/>

>

> and check out

>

> <http://www.egroups.com/group/psk31>

>

> and

>

> <http://www.egroups.com/group/digitalradio>

>

>

> 73 and see you on 14.070 MHz,

>

> Tom, WA3REY

>

Date: Mon, 11 Sep 2000 09:01:27 -0400

From: "Loftstead, Jerry" <Jerry.Loftstead@hboc.com>

To: "'w2xn@juno.com'" <w2xn@juno.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [79226] RE: Charging Gell Cells

Message-ID: <95CB658F8515D211B84B00805FA72866033242EE@atlexc02ntms.hboc.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="windows-1252"

Fred,

You can do that.. However, the amount of charge you will get on a "short run" is dubious. The Gel Cell should be charged on a long 24 hour slow charge at a rate of, maximum of 4 A (current limited) for a 18AH battery for a short time then drop to a charging rate of about a half amp or so.

Keep the charging below 14.6 volts. They should be floated at 13.6-13.8 volts continuously if you want max life in cyclic usage (which is how you will use it). Basically, keep it on charge all of the time at 13.4 volts all the time!. It will be ready when you are. This will provide maximum life.

Jerry
W3CDE
Atlanta, GA

-----Original Message-----

From: w2xn@juno.com [mailto:w2xn@juno.com]
Sent: Saturday, September 09, 2000 10:08 AM
To: Low Power Amateur Radio Discussion
Subject: Charging Gell Cells

Has anyone every tried to charge a gell cell from the cigarette lighter outlet while driving to a field location? If so, what precautions should we take, etc.

Fred W2XN w2xn@arrl.net
Lakeland, FL
ARRL, ARES, Skywarn #POL-007, VE
QRP: AR #233, QRP-L #1728, NJ #197, Zombie #709, FP #126

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 11 Sep 2000 09:11:33 -0400
From: "Rich Clemens" <clemens@wvwc.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [79227] QRP ARCI PSK-31 Sprint a Hoot!
Message-ID: <002201c01bf1\$d0848d30\$dd68010a@IPAQ>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Watt a Hoot!

I had 18+ contacts in two hours with 5 watts and a dipole. The waterfall was

full with many good signals it was a real treat. When is the next one?

The real prize of the evening arrived several hours after the contest when I worked the French Alps with 10 watts and 599! What a mode!

--

Rich Clemens, KB8A0B
clemens@wwwc.edu

Date: Mon, 11 Sep 2000 10:42:49 EDT
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [79228] N10DL/m
Message-ID: <64.66774b9.26ee4969@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Yesterday, while out doing errands(while the wife was at the beach....) I made contact on Ten meters with K6G. this prompted me to put up the 10 meter antenna on the way to work this morning. tuned around the lower end of the band and did not find much that interested me. went up to SSB (forgive me...) and heard a station calling QRZ...called him and he came back to me right away to my 50 watts in the /M. 9AY2K. Turns out this is a special mellenium station in Croatia. 10 meters mobile works for me....My new habit is to make at least one /M contact every day till the end of the year. If I'm driving, it will be SSB and if stationary, CW (preferred).
Get out there and go mobil....

Have Fun
Aron
N10DL/m
Bedford, NH

Date: Mon, 11 Sep 2000 08:56:47 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: "qrp-l" <qrp-l@Lehigh.EDU>, <psk31@bipt106.bi.ehu.es>, "fpqrp" <fpqrp@egroups.com>, <elecrafft@qth.net>
Subject: [79229] Contest: End of Summer PSK-31 Sprint Soap-box
Message-ID: <00ff01c01c00\$86018c40\$1e8511d8@zephyr>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well,

Like others who've commented this PSK contesting is quite different. Compared to a CW Sprint, PSK-31 sprinting seems to go in slow motion. I was only able to compete for 2 hours (work commitments) and complete about 15 QSOs, representing 12 SPCs!

I felt awkward running the equipment but isn't that the way with anything new? OTH: I had fun and can't wait to try it next year.

Be sure to turn in you logs, demonstrated participation is what will help QRP-ACRI decide whether or not to hold this event in the future.

Some random thoughts/observation:

SOFTWARE

I love DigiPan but tabbing/mousing around the different fields to record data was awkward and slow for me. I have to find something different, next time.

MOST INTERESTING MOMENT

It's a tie: Between copying S58T (Slovenia) while getting setup before the contest, (tried to work 'em couldn't), and working a few QRO stations who joined in. I'll bet more than one [QRP station] gives QRP try before to long.

WORST MOMENT:

Another tie: Between hitting the mouse pad and moving my operation frequency while trying to complete and exchange, and having to pull the plug early to go to work. (MAN, I can't wait to retire so I have more time for these things!)

Bottom line: PSK-31 is a keeper mode, especially for rag chewing. It's very QRP friendly and fun. PSK-31 contesting/sprinting is another skill to acquire that's going to take some time to learn.

Hope everybody else had fun.

72/3 Rod, NØRC -- Fort Collins, CO

Date: Mon, 11 Sep 2000 10:59:45 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [79230] Baluns
Message-ID: <006901c01c00\$ef4c32e0\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I was looking for something today in a catalog, and came across the heading 'Baluns'. So, seeing as how I'm currently on a quest for new baluns, I went looking.

But it wasn't what I thought.. TV.

The little blocks with F-59 male and two screws on the back.

The tubes with F-59 female and twinlead with lugs.

Then I thought... Hey... (I actually thought something else, but we'll leave that alone right now!) These are pretty nice 4:1 baluns. 75 unbalanced on one side, 300 balanced on the other. And they are designed to work 50Mhz and up...

So... Has anyone looked at how they work in HF? I know, I know, low signal levels... But we're talking QRP here!!

And if they work, do some work better than others???

Mike N1DVJ

Date: Mon, 11 Sep 2000 09:06:05 -0600
From: "Bruce Kizerian" <kizerian@ced.utah.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [79231] SLV Antenna
Message-ID: <038c01c01c01\$cef54760\$de56d9d8@sarcos.com>

Does anyone have some experience with this antenna? Has anyone built an antenna using Vern Wright's 80-10 meter kit?

Bruce kk7zz

Date: Mon, 11 Sep 2000 08:52:03 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [79232] QRP ARCI's 1st psk31 Contest
Message-ID: <20000911155203.17296.qmail@web701.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

QRP ARCI member Rod Cercone, N0RC and contest manager Randy Foltz, K7TQ, get a pat on the back for suggesting this new contest. A bold move by QRP ARCI and one that has paid off in loads of fun.

How about a winter, & spring psk sprint?

PSK31 contesting is in its infancy, and most of the existing psk contests have had some rocky beginnings.

In the psk Rumble last year, scores sent in were lost, this year turn out was poor. Flamethrowers on the reflectors following the Rumble. Bad scene.

However yours truly took 2nd place in Rumble QRP class running 700mW to the 1st place winners 5w. So I feel pretty good, and even recieved bottle of Canadian wine as 2nd place prize!

Sundays ARCI psk31 contest was only on 20M, and activity was heavy. People avoided the pitfall of the Rumble by spreading out between 14.068.7 and 14.071mHz.

Like most QRP'ers my 1st love is CW, but this psk31 has "something" that draws me, and many other QRP'ers to it. Hard to explain unless youve tried it. We will always have plenty of CW QRP contests, so psk QRP contests are additional flavor in our QRP stew.

I feel the same about RTTY, and QRP. Maybe someday
ARCI will run a QRP RTTY contest. I hope so.

The exact same computer to rig wireing will get you on
RTTY. Free software is available too. Why not explore
these modes with QRP? Unlike psk31 there are many RTTY
contests. But none with QRP focus.

I operated the Arkansas QRP Club station (my K2 #702),
NQ5RP at 250 - 400mW. The antenna is a half square
wire in my front yard up 20ft. DigiPan 1.2 software,
and Toshiba Satellite notebook computer 450mHz.

W7AH AZ 50w
KQ4FT FL 25w
KD5EOV tx 5w
N5WU tx 9859
K5DI NM 10458
WB8DQT mich 5w
W8RIK OH 9825
N0RC CO 9952
KB8A0B WV 6066
KC8LTC OH 50w
N0UR MN 6846
N3FX MD 5w
KE0WW MN 8085
KG4CGD GA 5w
W2AGN NJ 9328
WN8VIX 5w WI
WB9LEF MN 9234
KE50G TX 4.5w
KB4DJR KY 9710
KF4SIR FL 5w
KI0II co 5w

10 QRP ARCI members, 11 non members, 13 SPC's
Score 9360

de Jim KJ5TF
"All Milliwatts All The Time"

=====

<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

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Date: Mon, 11 Sep 2000 08:51:26 -0700

From: Bill Jones <kd7s@psnw.com>

To: qrp-l@lehigh.edu

Subject: [79233] PSK-31 Contesting

Message-ID: <39BCFF7E.B26DD34@psnw.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I have been reading some of the comments about last weekend's PSK contest. Almost everybody mentioned that making contacts was a slow process. There is a reason for that. PSK-31, by design, was never intended to be a 'contest' mode. Rather, it was designed for keyboard to keyboard, ragchewing.

My personal opinion of contesting with PSK-31 like trying to pound a nail with a crescent wrench. It CAN be done but it is awkward at best.

--

Bill Jones - KD7S <><

Sanger, California

<http://www.psnw.com/~kd7s/>

Date: Mon, 11 Sep 2000 12:17:46 US/Eastern

From: n2cx@voicenet.com

To: qrp-l@lehigh.edu

Cc: myetsko@insydesw.com

Subject: [79234] Re: Baluns

Message-ID: <200009111617.MAA93340@nss4.cc.lehigh.edu>

Mike,

You queried about HF use of TV baluns. When I got my Autek RF analyzer I checked come out and wrote a piece as a Joe's Quickie in the IX Column in Jan '96 QRP Quarterly. Don't have the iss handy but as I recall they lacked low frequency performance. Up at 10 meters the impedance transformation was not too bad but

below that things fell apart. OTOH the core is quite usable if you wind your own.

72/73,

Joe E.,
N2CX

This message was sent using Voicenet WebMail.
<http://www.voicenet.com/webmail/>

Date: Mon, 11 Sep 2000 09:35:27 -0700
From: Charlie Panek <charlie_paneke@agilent.com>
To: qrp-1@Lehigh.EDU
Subject: [79235] CONTEST: Salmon Run 2000: Win a QRP-Fish!
Message-ID: <39BD09CF.7C27B1E4@agilent.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

QRP Contesters:

Just a reminder that the annual Washington State Salmon Run Contest is this coming weekend, 1600Z Saturday September 16 thru 0700Z Sunday September 17 and 1600Z thru 2400Z Sunday September 17, 2000.

This year there are 3 special awards of a packet of Smoked Salmon for QRPer's:

- The Washington State QRP Division award sponsored by the Paladin Contest Club (top in-state score)
- Out of State QRP Top Score in the 1, 2, 3, 4, 8, and 9 US Call areas.
20 QSO Minimum . (That's one award)
- Out of State QRP Top Score in the 5, 6, 7, 0 US Call areas. (Including KH6 and KL7). 20 QSO Minimum. (That's another award)

The two out of state awards are not on the "prizes" web page yet, but as I'm the sponsor, I can assure you that they're going to happen.

For the official words:

<http://www.wwdxc.org/salmonrun/>

Hope to see you there!

72,
Charlie
KX7L

--

Charlie Panek KX7L Bothell, WA

<mailto:kx7l@amsat.org>

Date: Mon, 11 Sep 2000 09:35:48 -0700
From: Allan G Taylor <k7gt@qsl.net>
To: qrp-1@Lehigh.EDU
Subject: [79236] Re: Thoughts on Working DX
Message-ID: <39BD09E4.72F2@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Your comments on working DX were very good. Thanks for emphasizing the need to 'get on the air' as a critical detail. I have been getting on for about 15-20 minutes before work from home and that tight time window has nevertheless netted several DX countries worked /QRP. This morning's price was F00MOT/p in the Austral Islands (40m cw) Twenty was dead, 30m about the same, so I just stumbled on down to 40m. The F00 wasn't worked on first call or anything but did come back. #87 since Feb 22 for QRP DXCC Millenium award.

Another comment I would wish to make is your allowing a microphone to be used for DXing. As my DXing buddy (W1HIJ) and I used to kid each other, a new one worked on 40m cw was the real thing. When I worked a new one on the higher bands, he would always say "Nice try, 1/2 credit...!". And one worked on phone was never even mentioned (not that I have that many on phone). In actual fact, it would be much more difficult to work a DX station (at least for me) on phone than on cw. Completely different style.

The op with 40-something DX worked in 6 months is doing fine. Be sure to get on 10m this fall, though.

GT

--

Allan Taylor K7GT Pleasanton/Livermore CA

k7gt@qsl.net or k7gt@aol.com

Date: Mon, 11 Sep 2000 09:39:00 -0700
From: Allan G Taylor <k7gt@qsl.net>
To: qrp-1@Lehigh.EDU
Subject: [79237] Re: First DX!
Message-ID: <39BD0AA4.5FEC@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Not to in any way disillusion you, but UA2 is Kaliningrad, somewhat more rare than Ukraine. Congrats....!!

--

Allan Taylor K7GT Pleasanton/Livermore CA

k7gt@qsl.net or k7gt@aol.com

Date: Mon, 11 Sep 2000 12:43:02 -0400 (EDT)
From: "John L. Sielke" <w2agn@pobox.com>
To: "Rod, N0RC" <n0rc@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79238] RE: Contest: End of Summer PSK-31 Sprint Soap-box
Message-ID: <XFMail.000911124302.w2agn@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

I just GOTTA throw in a brag (or two).

#1. I worked S58T before the contest. (Of course, I screwed up and thought the contest began at 1800Z, but that's another story.

#2. I AM retired, and STILL don't have time to do everything I want!

John, W2AGN

On 11-Sep-00 Rod, N0RC wrote:

> It's a tie: Between copying S58T (Slovenia) while getting setup before
> the contest, (tried to work 'em couldn't), and working a few QRO
> stations who joined in. I'll bet more than one [QRP station] gives QRP
> try before to long.

>

> WORST MOMENT:

>

> Another tie: Between hitting the mouse pad and moving my operation
> frequency while trying to complete and exchange, and having to pull
> the plug early to go to work. (MAN, I can't wait to retire so I have
> more time for these things!)

Date: Mon, 11 Sep 2000 12:44:52 -0400 (EDT)
From: "John L. Sielke" <w2agn@pobox.com>
To: Jim Hale <kj5tf@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79239] RE: QRP ARCI's 1st psk31 Contest
Message-ID: <XFMail.000911124452.w2agn@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

And an UNBELIEVABLE solid print signal into NJ at 250mw!

On 11-Sep-00 Jim Hale wrote:

> I operated the Arkansas QRP Club station (my K2 #702),
> NQ5RP at 250 - 400mW. The antenna is a half square
> wire in my front yard up 20ft. DigiPan 1.2 software,
> and Toshiba Satellite notebook computer 450mHz.
>

/ \ / \ / \ / \ / \ John L. Sielke w2agn@pobox.com w2agn@qsl.net
(W | 2 | A | G | N) NJ Grid:FM29LN <http://www.qsl.net/w2agn>
_ / _ / _ / _ / _ / NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
X-N4JS, W4MPC, W7JEF, K3HLU G-QRP #9544 NorCal CQC AKQRP QCWA FISTS #2781
fpQRP #121 SOC #390 Elecraft K2 #00023

Date: Mon, 11 Sep 2000 11:45:25 -0500
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>

To: "'dave.g0dja@psilink.co.uk'" <dave.g0dja@psilink.co.uk>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79240] RE: Consumption Figures
Message-ID: <E78D8A9D6762D411B5440008C791D4AA199AB5@dfwex03.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Don't forget too, that those "modern rigs", like iCOM 706's, FT-100's and so on usually have a *lot* of peripheral circuitry to handle bandswitching, T/R switching, i.f. filter selections, mode selection, etc., and the biggest power-hog of all: the DDS synthesizers.

You just can't get "somethin' for nothin' ", guys! You'll pay for "features" in either money or power consumption (or both!).

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: dave.g0dja@psilink.co.uk [SMTP:dave.g0dja@psilink.co.uk]

Vic (GW4JUN) asked:-

>At 10watts cw rf out the ht current(at 13.8v) showed 5.5 amps !!. I reckon
>thats about 75 watts in for 10w out. 13% efficient. Surely it can't be that
>inefficient ??

Date: Mon, 11 Sep 2000 12:53:49 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>
To: "'Karl.Kanalz@allegiancetelecom.com'" <Karl.Kanalz@allegiancetelecom.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79241] RE: Consumption Figures
Message-ID: <95CB658F8515D211B84B00805FA72866033242F1@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Actually, the backlight on the 706 is the power hog! Turn it off if you want to save batteries or run it on low. It also cuts the heat in the ctl head.

Jerry

W3CDE

-----Original Message-----

From: Kanalz, Karl [mailto:Karl.Kanalz@allegiancetelecom.com]
Sent: Monday, September 11, 2000 12:45 PM
To: Low Power Amateur Radio Discussion
Subject: RE: Consumption Figures

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Karl K - W8TIF
McKinney, Texas

-----Original Message-----

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Vic (GW4JUN) asked:-

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>thats about 75 watts in for 10w out. 13% efficient. Surely it can't be that
>inefficient ??

Date: Mon, 11 Sep 2000 13:06:41 -0500
From: "Ed Manuel (N5EM)" <n5em@flash.net>
To: qrp-l@lehigh.edu
Subject: [79242] Fwd: Re: PSK-31 Contesting
Message-ID: <4.3.2.7.2.20000911130610.00b24af0@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>Date: Mon, 11 Sep 2000 11:06:57 -0500
>To: qrp-l@lehigh.edu
>From: "Ed Manuel (N5EM)" <n5em@amsat.org>
>Subject: Re: PSK-31 Contesting

>
>Well, this begs for a different approach. Those familiar with EME
>(moonbounce) know that it, too is a slow, tedious process to complete a
>contest. Likewise, 10 ghz. contesting is a slow process. So, contests
>for those special areas are designed as cumulative contests covering a
>span of time, often two full weekends or perhaps a month. Sounds like
>PSK31 should use a cumulative approach over a longer period of
>time. Also, it provides an opportunity for someone unable to participate
>on one weekend to have a shot on the other weekend.

>
>Ed, N5EM

>

>

>

>At 08:51 AM 9/11/00 -0700, you wrote:

>>I have been reading some of the comments about last weekend's PSK
>>contest. Almost everybody mentioned that making contacts was a slow
>>process. There is a reason for that. PSK-31, by design, was never
>>intended to be a 'contest' mode. Rather, it was designed for keyboard
>>to keyboard, ragchewing.

Date: Mon, 11 Sep 2000 14:16:09 -0400
From: "Ed Nelson" <edxnelson@home.com>
To: <n5em@flash.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [79243] Re: PSK-31 Contesting
Message-ID: <001f01c01c1c\$5c535100\$2c490b18@prntn1.nj.home.com>

I'm not too familiar with PSK-31, but I thought it was a lot like the other
digital modes. What is it about PSK-31 that makes it unsuitable for
conventional contests?

Ed W4EN

----- Original Message -----

From: Ed Manuel (N5EM) <n5em@flash.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, September 11, 2000 2:06 PM
Subject: Fwd: Re: PSK-31 Contesting

>

> >Date: Mon, 11 Sep 2000 11:06:57 -0500
> >To: qrp-1@lehigh.edu
> >From: "Ed Manuel (N5EM)" <n5em@amsat.org>
> >Subject: Re: PSK-31 Contesting

> >

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> >
> >Ed, N5EM
> >
> >
> >
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> >>intended to be a 'contest' mode. Rather, it was designed for keyboard
> >>to keyboard, ragchewing.
>

Date: Mon, 11 Sep 2000 14:36:22 -0400 (EDT)
From: caitlyn@netferrets.net
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [79244] RE: Consumption Figures
Message-ID: <XFMail.20000911143622.caitlyn@netferrets.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 11-Sep-2000 Kanalz, Karl wrote:

> Don't forget too, that those "modern rigs", like iCOM 706's, FT-100's and
> so on usually have a *lot* of peripheral circuitry to handle bandswitching,
> T/R switching, i.f. filter selections, mode selection, etc., and the
> biggest power-hog of all: the DDS synthesizers.

>
> You just can't get "somethin' for nothin' ", guys! You'll pay for
> "features" in either money or power consumption (or both!).
>

This goes a long way to explain the popularity of the various simple kits and
little rigs like the Tokyo Hy-Power HT-750 or the (now discontinued)
Ten Tec Argo 556: very low power consumption. I think it also explains why
certain old, bare bones commercial QRP rigs like the Yaesu FT-7 and Ten Tec

Argonauts still retain their value so well while similar 100 watt rigs are worth quite a bit less. I think the true power consumption of the FT-817 will have a lot to do with how well it sells, too.

72,
Caity
KU4QD

Caitlyn M. Martin
caitlyn@netferrets.net
<http://www.caitys-world.com>

Date: Mon, 11 Sep 2000 14:56:34 EDT
From: "Mark Adams" <k2qo@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [79245] QSK Differences Help!?
Message-ID: <F72WQwkt6vkBlxD3JZq00009f5a@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi Gang,

I was just ready to pick up the phone and buy my new super QRP rig, a Yaesu FT-920 (just look at those great 6M specs!!) and a crazy thought hit.

They say it has QSK. QST says that its keying is fine. BUT, is this QSK like an Alinco DX70 I played with during International Lighthouse Day where a relay WILL DRIVE YOU CRAZY? Or is it QSK like my Sierra and Argosy? Simply silent QSK. Does anyone know?

72,
Mark K2QO

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Share information about yourself, create your own public profile at
<http://profiles.msn.com>.

Date: Mon, 11 Sep 2000 11:57:27 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-1@Lehigh.EDU>

Subject: [79246] [OT] email service provider info needed
Message-ID: <Pine.GS0.4.10.10009111154470.9266-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

I am looking for a cheap place that has a 800 number where
I can up load and down load email.

I do NOT need WEB access.

Lets only look at those who are under \$10/month.

Thanks for the BW and help,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
....Visit my Home Page.....<http://www.qsl.net/ku7y/>....

Date: Mon, 11 Sep 2000 15:01:11 EDT
From: DYARNES@aol.com
To: qrp-l@lehigh.edu
Subject: [79247] Re: Thoughts on Working DX
Message-ID: <13.a978c7c.26ee85f7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 9/10/00 9:50:17 AM US Mountain Standard Time,
jamesd1@flash.net writes:

<< If you have trouble getting on, encourage
yourself by putting a piggy bank on your operating desk and dropping a
dollar bill in it every time you start an operating session. You can pay for
a K-2 in a little over a year and a half of daily operating this way. >>

Hi All,

I like this idea! In fact I think it is damn near brilliant! Many (most?)
of us acquire our equipment on the "buy now-pay later" plan. I know from
experience (professionally and personally) that most of us have to kick

ourselves in the butt to save money! Think how great it would feel to buy something like a K2 free and clear. Using a credit card isn't bad in and of itself (if you pay it off immediately), but the finance charges are usually so punitive. I hate to see a \$500 or \$600 radio cost you \$600+ or \$700+. That's probably what it will cost. If you don't pay it off immediately, chances are you won't pay it off for at least a year or longer. At 19% or more (the typical credit card rate--you can get lower rates though if you shop around), you can easily rack up \$100-\$200 in additional charges. That's another QRP kit right there! Unfortunately, the people who can least afford it are usually paying the highest interest rates on their cards.

The rest of Duffy's post is typical Dr. Megacycle! Well organized, concise, and full of really great info if DX is your bag. If you follow Duffy's suggestions and don't work DX, you must either live in a hole or your antenna is disconnected! (Just kidding!)

Save his post--tape it to your logbook. Read it every so often. You won't regret it.

72 de Dave W7AQK

Date: Mon, 11 Sep 2000 12:02:34 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79248] Re: Thoughts on Working DX
Message-ID: <Pine.GS0.4.10.10009110951231.7246-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Kevin and all,

You are doing just fine on your country count. Just keep trying and you will make it I'm sure.

Lots of good ideas have been given and I'd like to add one or two more....

(Applies to CW.....SSB is another whole skill!)

First off you really need to "get inside" the DX stations head.....listen to see just what he is doing. What kind of calls is he coming back to? Is it a "pile up" operation where the contacts consist of just the RST or is it a real QSO where you chat a few times before ending? Is it a split operation? What speed is he using?

Make sure you and your rig understand each other when using the split feature. The very best way to work splits is, IMHO, to use a radio that has two RX's that can be used at the same time, like the FT-1000MP for example. Find the stations that are working the DX station and notice what the DX station is doing.....is he moving up 200 Hz each time? If so, put your TX 200 Hz up from the station that is working the DX now and get ready to call.

In these situations, only send your call once (WITHOUT using /QRP) and listen. In a split operation, you don't need to listen for very long....just a couple of seconds. If the DX station isn't sending then send your call again.

Watch for them to try to get a broken call fixed....lets say I send my call, KU7Y and hear the DX station send 7? I'll respond with a quick KU7Y again. Sometimes this will go on for 2 or 3 times until he gets my call OK. Or until he gets someones else's call OK!

If he sends 6? and you are a 7, then DO NOT SEND. Only send when you think there is a good chance that it's you.

If the DX station is working stations on his own frequency, (which is called SIMPLEX) then you need to be much more carefull of when you send. Be SURE that the DX station is NOT sending when you call. Just like Fox hunting!

Do NOT try to be the last guy calling! That's the mark of a real first class lid!

In 99% of the situations, don't waste time sending the DX stations call.....they already know who they are. They need to know who you are.

USE QSK! Learn how to keep your sanity while listing to the whole world call at the same time you do! Using a memory keyer is strongly recommended. Or just use your logging program and it's memories.

Always make your call as short as you can. Repeat your call only after knowing that the DX station is still trying to dig someone out.

In a pile-up, NEVER EVER use that old 3 x 3 calling style. That came about back in the old days when you would call CQ on one frequency and then start tuning the band with your RX to see if anyone was calling you. The 3x3 call gave

the calling station time to look around the band a bit.

In today's world of transcievers, that style is about as useful as AM on a crowded SSB band during a contest! :-)

Even on 160m where the JA stations only have a few kc's up above 1900, they send QSX and the frequency they will listen to..... say QSX 1827 for example. They you set your TX to 1827 and send your call. But still not a 3 x 3.

BUT....be ready to hit the kill button. If you hear the DX station, or if you even think you hear the DX station start to send, STOP your transmission ASAP. Don't make any more QRM than you have to! :-)

Learn when to get on the air. Watch the gray line. That will give you the best conditions usually.

Get the DX info. Know who will be where when and be there BEFORE the crowd.

DX spots are OK but that's when the crowds hit and you really want to be there before the crowd if you can.

When working on a project, leave the rig tuned to a good DX frequency. I used to leave it to 21.024 or 14.024. Leave the filters wide open. There is a real thrill to hearing a quick tune up, followed by a DX call and then sending yours and hearing it come back. All before the rest of the world has reacted!

If your rig can scan, that's another great thing. Program in several DX frequencies and let it scan. Soon you will hear some activity and you will be there early.

Read all the books you can about DXing and antennas. Try to improve your antenna and also try, as best you can, to get more than one antenna up.

I think the best book on the subject is mine. However, there is one little problem right now.....I haven't finished it yet! :-)

With a bit of luck I should have it out around mid next year.

Yep, that was a shameless plug for a true vapor book! But

at least I didn't try to hide it!

So far I haven't been able to get any money from a Buddhist Temple..... :-)

OK, back in my hole.....

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
....Visit my Home Page.....<http://www.qsl.net/ku7y/>....

Date: Mon, 11 Sep 2000 14:25:47 -0500
From: "George, W5YR" <w5yr@att.net>
To: myetsko@insydesw.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [79249] Re: Baluns
Message-ID: <39BD31BB.BF370CB@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike, the cores in these devices are suitable for VHF and UHF 75-ohm systems but would have high losses at HF, if in fact the devices would work at all.

Kinda like trying to load a cellphone antenna on 160 - just not enough stuff there!

72/73, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
(12/99)

Mike Yetsko wrote:

>
> I was looking for something today in a catalog, and came across the
> heading 'Baluns'. So, seeing as how I'm currently on a quest for
> new baluns, I went looking.
>

> So... Has anyone looked at how they work in HF? I know, I know,
> low signal levels... But we're talking QRP here!!

Date: Mon, 11 Sep 2000 14:54:29 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: myetsko@insydesw.com
Cc: qrp-1@lehigh.edu
Subject: [79250] Re: Baluns
Message-ID: <200009111930.PAA28128@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Mike, speaking about TV baluns...

> So... Has anyone looked at how they work in HF? I know, I know,
> low signal levels... But we're talking QRP here!!

>
I've taken these apart, but haven't tried using at HF. The cores are tiny, about 1/4" square. Wound with a couple turns of #32 wire. You'd somehow need to wind more turns on them to use at HF. But if you need a small core for interstage coupling in a 6 or 2M rig, they'd do the trick.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Mon, 11 Sep 2000 15:33:38 -0400
From: John AE5X <ae5x@juno.com>
To: qrp-1@lehigh.edu
Subject: [79251] A good QRP week...
Message-ID: <20000911.153339.14942.0.ae5x@juno.com>

After being off the air for 2 weeks I'm finally moved to my new QTH - a house on top of a big hill in Sussex County, NJ. While unloading the furniture off the truck, two black bears ambled through the back yard but paid no attention to me. Three days ago I put up an inverted V for 40m, fed with ladder line. With the DSW20 on the other end of the ladder line, I cracked 2 pile-ups and worked TA3DD and 7X4AN for new ones. Then I caught N2CQ and WA3WSJ on 40m operating on the Appalachian Trail.

A pretty fun week so far...!

John Harper, AE5X
HW-9, OHR-100A/20, NC40A, SST/30, SST/40, DSW/20
Outdoor QRP <http://www.qsl.net/ae5x>

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 11 Sep 2000 15:58:21 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [79252] QRP Afield Rules?
Message-ID: <81.7e1c5f.26ee935d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Dang it I misplaced the site info. Would one of you gentlemen (or ladies) be kind enuff to provide me with with the site for the QRP Afield rules--73s

Alan KB7MBI

Date: Mon, 11 Sep 2000 15:10:40 -0500
From: "George, W5YR" <w5yr@att.net>
To: Jerry.Lofstead@hboc.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79253] Re: Charging Gell Cells
Message-ID: <39BD3C40.5CE0B141@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just a comment on using these cells for fixed operation in the shack:

I use two gel cells in the shack which when combined with their respective power-supply/chargers amount to UPS devices.

I keep a large 14 AH cell connected across (through a fuse) the output of the 35 amp supply that feeds the two station rigs: Kachina 505DSP and IC-756PRO. I started doing this when my local power started going off and returning abruptly several times a week.

For the same reason I have computer UPS systems on all computers and other electronic systems liable to line-transient damage. Now, if the line power drops off, the combination of the charge remaining in the filter caps of the supply and the battery ensures that the connected equipment will not see any voltage transients. Note that these line-voltage transients are much longer in duration than the spikes that surge suppressors are designed to handle.

I do a similar thing with the two-meter station, except that it uses a 7 AH battery and a smaller power supply.

The power supplies are there to provide the normal operating current and to trickle charge the cells at 13.8 volts when the rigs are not turned on. The short-term limited operation feature is also attractive for emergency purposes. Living in the country does teach one not to count on perfect line power. <:}

So far, so good . . .

72/73, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
(12/99)

"Lofstead, Jerry" wrote:

>
> Fred,
>
> You can do that.. However, the amount of charge you will get on a "short
> run" is dubious. The Gel Cell should be charged on a long 24 hour slow
> charge at a rate of, maximum of 4 A (current limited) for a 18AH battery
> for a short time then drop to a charging rate of about a half amp or so.
> Keep the charging below 14.6 volts. They should be floated at 13.6-13.8
> volts continuously if you want max life in cyclic usage (which is how you
> will use it). Basically, keep it on charge all of the time at 13.4 volts
> all the time!. It will be ready when you are. This will provide maximum
> life.
>
> Jerry
> W3CDE
> Atlanta, GA

Date: Mon, 11 Sep 2000 14:13:21 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>

To: Bill Jones <kd7s@psnw.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [79254] Re: PSK-31 Contesting
Message-ID: <Pine.LNX.4.10.10009111409510.1267-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 11 Sep 2000, Bill Jones wrote:

> I have been reading some of the comments about last weekend's PSK
> contest. Almost everybody mentioned that making contacts was a slow
> process. There is a reason for that. PSK-31, by design, was never
> intended to be a 'contest' mode. Rather, it was designed for keyboard
> to keyboard, ragchewing.
>
> My personal opinion of contesting with PSK-31 like trying to pound a
> nail with a crescent wrench. It CAN be done but it is awkward at best.

Well I was part of yesterdays PSK-31 Contest and I assure YOU that
given time and experiance my ability to exchange numbers and blow away is
going to improve several 100 percent from this experiance. It is new and
challeging and why not? We are looking for fun right?

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Mon, 11 Sep 2000 10:10:25 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [79255] PSK-31 Controls
Message-ID: <Pine.LNX.4.10.10009111004450.1003-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have been trying for about 6 months off and on but no luck.
Today I said darn it! it's going to work or I will know why. So I started
out and after 3 hours It works. I had to learn that the little package of
NPN Switching Transistors that I bought will not work. They must be
miss-marked and god only knows what.

So I went to my junk box and found an old 2n5126 which my book
says is NPN and it shound work. It did.

So now when I press trans in Digipan my TS-140 goes into transmit mode automatically.... I learned don't believe what it says in Radio Shack!

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Mon, 11 Sep 2000 15:17:11 -0500
From: "George, W5YR" <w5yr@att.net>
To: Karl.Kanalz@allegiancetelecom.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [79256] Re: Consumption Figures
Message-ID: <39BD3DC7.90C8B04C@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good thoughts, Karl . . .

I recently added to the W5YR stable a new Icom IC-756PRO rig. It is interesting to note that it draws about 3.5 amps current while receiving. The Kachina 505DSP rig, on the other hand, draws less than an amp. Both rattle the meter the same amount while outputting 100 watts. I haven't checked the current consumption yet for 5 watts output on the 756PRO, but the meter needle hardly moves higher on the Kachina with 5 watts output on CW.

I find this interesting since both rigs are architecturally very similar - actually almost identical in a block-diagram sense - with similar performance stats.

Makes me wonder, then, what Icom is doing with all that extra power, other than running that neat little 5-in TFT color LCD display! <:} Of course, the Icom has to run what looks like about 5 or more microprocessors while the Kachina has only one and relies on the control computer to do the rest.

72/73, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
(12/99)

"Kanalz, Karl" wrote:

>
> Don't forget too, that those "modern rigs", like iCOM 706's, FT-100's and
> so on usually have a *lot* of peripheral circuitry to handle bandswitching,
> T/R switching, i.f. filter selections, mode selection, etc., and the
> biggest power-hog of all: the DDS synthesizers.
>
> You just can't get "somethin' for nothin' ", guys! You'll pay for
> "features" in either money or power consumption (or both!).
>
> Karl K - W8TIF
> McKinney, Texas

Date: Mon, 11 Sep 2000 16:21:32 -0400 (EDT)
From: n2go@arrl.net
To: qrp-l@Lehigh.EDU
Subject: [79257] WTB drake Cline spinner knob
Message-ID: <Pine.LNX.4.20.0009111618570.773-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Help,

Does anyone have a PTO knob for the C-line that has a finger style
spinner. I have the kind that doesn't and want to switch. I think that the
one I have is from one of the first c-line or from the B-line drake.
I don't need the metal rim at the base.

73,

Jim n2go

Date: Mon, 11 Sep 2000 13:19:30 -0700
From: Mike Gipe <mgipe@reliablemeters.com>
To: ae5x@juno.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [79258] RE: A good QRP week...
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A928EF05@mission>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Cracking the pileup is easy compared to training the bears to unload a truck.

>
> After being off the air for 2 weeks I'm finally moved to my
> new QTH - a
> house on top of a big hill in Sussex County, NJ. While unloading the
> furniture off the truck, two black bears ambled through the
> back yard but
> paid no attention to me. Three days ago I put up an inverted
> V for 40m,
> fed with ladder line. With the DSW20 on the other end of the
> ladder line,
> I cracked 2 pile-ups and worked TA3DD and 7X4AN for new ones. Then I
> caught N2CQ and WA3WSJ on 40m operating on the Appalachian Trail.
>
> A pretty fun week so far...!
>
> John Harper, AE5X
> HW-9, OHR-100A/20, NC40A, SST/30, SST/40, DSW/20
> Outdoor QRP <http://www.qsl.net/ae5x>

Date: Mon, 11 Sep 2000 16:29:04 -0400 (EDT)
From: n2go@arrl.net
To: qrp-l@Lehigh.EDU
Subject: [79259] LCD display ?
Message-ID: <Pine.LNX.4.20.0009111622160.773-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I ordered some LCD displays. There were choices on viewing angles.

The one that I chose was a 12 o'clock angle. Other choice was a 6 o'clock angle.

I assume that would mean that I would be looking down at the display for max view. That is what I wanted since the rig will be on my desk and I am normal height :)

If it means that I have to stay up until midnight to use it, I am screwed.

BTW the lcd displays are \$3 at BG micro.

When you order \$30 worth of stuff they give you a superbright LED for free. My macrovision decoder project combined with ham projects made that

easy. You have to ask for it though.....

73,

Jim n2go

Date: Mon, 11 Sep 2000 16:35:01 -0400 (EDT)
From: n2go@arrl.net
To: "George, W5YR" <w5yr@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [79260] Re: Consumption Figures
Message-ID: <Pine.LNX.4.20.0009111634260.1042-1000000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Did you take into consideration how much power your monitor and computer were using with the Kachina?

73,

Jim n2go

Date: Mon, 11 Sep 2000 16:03:54 -0500
From: "George, W5YR" <w5yr@att.net>
To: n2go@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [79261] Re: Consumption Figures
Message-ID: <39BD48BA.C59C68FC@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

No, Jim, but I knew that someone of the list would! <:}

That is why I mentioned that the 756PRO has at least 5 uprocessors inside the box - it is hard to tell from the block diagram. <:}

In all honesty, though, that added computer power and monitor power are supporting usually a PSK31 program, a callbook-lookup program, and one or two others. None of this is provided by the 756PRO.

So, I guess it is a wash . . .

72/73, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
(12/99)

n2go@arrl.net wrote:

>
> Did you take into consideration how much power your monitor and computer
> were using with the Kachina?

Date: Mon, 11 Sep 2000 17:16:25 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <Jerry.Lofstead@hbc.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [79262] RE: Charging Gell Cells
Message-ID: <CKEGICNFDIMCEKEDCEHFKEBIEAAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I would like some opinions on what the BEST IC is for Gel-Cell charging.
Thanks.

73 Ed Tanton <n4xy@arrl.net>

website: <http://www.qsl.net/n4xy/>

Date: Mon, 11 Sep 2000 15:20:09 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [79263] Re: PSK-31 Contesting
Message-ID: <001c01c01c36\$1343dc40\$018511d8@zephyr>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bill, et. al.

----- Original Message -----

From: Bill Jones <kd7s@psnw.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Monday, September 11, 2000 9:51 AM

Subject: PSK-31 Contesting

> process. There is a reason for that. PSK-31, by design, was never
> intended to be a 'contest' mode. Rather, it was designed for
keyboard
> to keyboard, ragchewing.
>

Well, I doubt Morse code was ever "intended" as a contest mode either.
But over time effective methods were devised. Same will happen with
PSK-31 given the chance to develop. Formula cars, are fast than stock
cars, which are faster than go carts, which are faster than horses but
still all are raced and enjoyed for what they are. Heck, here in the
USA we even race Mack Trucks!

So maybe PSK isn't fast like CW in a contest, it's not better not
worse, just different. With time and innovation, competitive events
can hone PSK-31 procedures to get the most from the mode. Consider the
character rate of PSK is about 30cps, a pretty good CW competition
speed. We just need to refine the technology/methodology to coax the
most out of the mode.

One "problem" I noticed was having to pay attention to only one
station at a time. In CW mode more than one station can be heard if
the passband is wide, and I expect many take advantage of that. I know
I do. Shifting my attention from one signal to the next (listening to
the different pitch of each station) I can pick out stations to work.
There is a PSK software package called WinWarbler, it was mentioned on
the PSK reflector, that is supposed to RX 3 sigs at once. Interesting
possibilities.

Some time ago there was talk on this reflector about SDRs, Software
Defined Radios, seems to me this PSK mode and the equipment is a
interesting subset of the SDR notion. Imagine a software package that
worked in a manner similar to the UNIX command environment, with
"modules" that could be interconnected
(piping, redirection, scripting...) to configure for different needs.
E.G. an RX module connected to a Logging Module connected to a
Scoring module...etc.

> My personal opinion of contesting with PSK-31 like trying to pound a

> nail with a crescent wrench. It CAN be done but it is awkward at best.

>

Maybe it a different kind of hammer? Have a look at Japanese wood-working tools, they're a bit different than there western counterparts.

Well my nickels up on this subject. Hope it brought another light to the topic to keep the discussion going.

72/3 Rod, NØRC -- Fort Collins, CO

Date: Mon, 11 Sep 2000 17:23:33 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: k2qo@hotmail.com
Cc: qrp-1@lehigh.edu
Subject: [79264] Re: QSK Differences Help!?
Message-ID: <39BD4D55.CA@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mark,

Relays have been used for QSK since shortly after the invention of the switch! I have had them in my Kenwoods for over 20 years! I admit they are a bit of a nuisance to listen to BUT I have never had one fail either. If the relay gets on your nerves just switch to transmit after you've made contact!

73

Date: Mon, 11 Sep 2000 14:58:58 -0700
From: Bill Jones <kd7s@psnw.com>
To: Rod Cerkoney <rwc@frii.com>, qrp-1@lehigh.edu
Subject: [79265] Re: PSK-31 Contesting
Message-ID: <39BD55A2.E2DE3966@psnw.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Rod,

Different strokes for different folks. But that doesn't alter the fact that PSK-31 was NEVER designed to be a contesting program. To me, contesting with PSK-31 is a lot like the guys who race one another along the Pacific Crest Trail. More power to them if that's what they want to do. As for myself, I'd much rather enjoy the scenery.

Rod Cerkoney wrote:

> Well, I doubt Morse code was ever "intended" as a contest mode either.
> But over time effective methods were devised. Same will happen with
> PSK-31 given the chance to develop.

--

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s/>

Date: Mon, 11 Sep 2000 18:38:14 -0400
From: Levent Sasmazel <levent@netlabs.net>
To: qrp-1@Lehigh.EDU
Subject: [79266] Any experience with the isotron antennas
Message-ID: <39BD5ED6.C469B895@netlabs.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

I was looking limited space antennas and find this antenna in the QST.
Any experience pros and cons about the product? I am also interested
with the transportability aspects of this antenna.

Thanks and 73s

Levent Sasmazel KC2CNY

End of QRP-L Digest 1941
